



10-17-05 J003 Rec'd PCT/PTO 14 OCT 2005 PCF

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

App No. : 10/528,532
Applicant : Misra et al.
Filed : March 21, 2005
371 Application of PCT/US03/30276
Filed : September 26, 2003
TC/A.U. : Not assigned
Examiner : Not assigned
For : CATALYZED DISSOLUTION OF
COPPER FROM SULFUR-CONTAINING
COPPER MINERALS
Docket No. : 116-02
Customer No. : 23713

Confirmation No. 8307

Commissioner for Patents
MAIL STOP AMENDMENT
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage for Express Mail in an envelope addressed to: Commissioner for Patents, Mail Stop Amendment, PO Box 1450, Alexandria, VA 22313-1450	
October 14, 2005 Date	<i>Cathy Nelson</i> Cathy Nelson
EV 642 818 154 US Express Mail Tracking Number	

INFORMATION DISCLOSURE STATEMENT

Sir:

The Examiner is respectfully requested to consider the references, copies enclosed, which may qualify as prior art. For the Examiner's convenience, the references are listed on the attached Patent and Trademark Office form PTO-1449. Pursuant to 37 C.F.R. 1.98(a)(2)(ii), copies of cited U. S. patents and U. S. patent application publications are not included, but will be provided upon request.

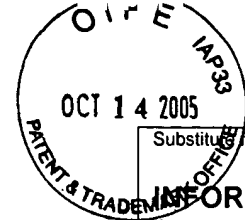
This information is cited in a spirit of forthrightness and cooperation to enable the applicants to obtain that measure of protection for the invention to which there is entitlement. However, no representation is made that the listed art actually qualifies as prior art under the patent statute and the mere use of PTO-1449 is not an admission that all listed references are prior art. No representation is made that applicants know of the best art.

It is believed that this submission does not require the payment of a fee as it is submitted prior to the issuance of an Office Action on the merits. If this is not correct, please charge any required fee to deposit account no. 07-1969.

Respectfully submitted,

Susan K. Doughty
Susan K. Doughty
Reg. No. 43,595

GREENLEE, WINNER AND SULLIVAN, P.C.
4875 Pearl East Circle, Suite 200
Boulder, CO 80301
Telephone: (303) 499-8080
Facsimile: (303) 499-8089
E-mail: winner@greenwin.com
Attorney Docket No. 116-02
October 14, 2005



Substitute for form 1449/PTO, based on PTO/SB/08A and 08B		Application Number	10/528,532
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Filing Date	03/21/2005
		First Named Inventor	MISRA, Manoranjan
		Art Unit	Not assigned
		Examiner Name	Not assigned
		Attorney Docket Number	116-02

U.S. PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Document Number (US-)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)
		3,958,983	05/25/1976	Staker	
		6,409,799	06/25/2002	Cifuentes et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initial*	Cite No. ¹	Foreign Patent Document Number (include WIPO country code)	Publication Date (MM-DD-YYYY)	Name	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise)	T ²

NON-PATENT LITERATURE DOCUMENTS

Examiner Initial*	Cite No. ¹	REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Antonijevic, M. M. et al., "Investigations of the Kinetics of Chalcopryrite Oxidation by Potassium Dichromate," Hydrometallurgy 35:187-201, 1994	
		Balaz, P. et al., "Combined Chemical and Bacterial Leaching of Ultra Fine Ground Chalcopryrite," Hydrometallurgy 42:237-244, 1996	
		Biegler, T. et al., "The Electrolytic Reduction of Chalcopryrite in Acid Solution," Journal of Applied Electrochemistry 6:229-235, 1976	
		Biegler, T. et al., "Anodic Electrochemistry of Chalcopryrite," Journal of Applied Electrochemistry 9:545-554, 1979	
		Dutrizac, J. E., "The Kinetics of Dissolution of Chalcopryrite in Ferric Ion Media," Metallurgical Transactions B V 9B:431-439, 1978	
		Habashi, F., "Chalcopryrite: Its Chemistry and Metallurgy," McGraw-Hill, pp. 45-124, 1978	
		Hackl, R. P. et al., "Passivation of Chalcopryrite During Oxidative Leaching in Sulfate Media," Hydrometallurgy 39:25-48, 1995	
		Havlik, T. et al., "Acid Leaching of Chalcopryrite in the Presence of Ozone," Canadian Metallurgical Quarterly 29(2):133-139, 1990	
		Kruesi, P. R., "Cymet Copper Reduction Process," Mineral Congress Journal 60(9):22-23, 1974	
		Mateos, F. B. et al., "The Passivation of Chalcopryrite Subjected to Ferric Sulfate Leaching and Its Reactivation with Metal Sulfides," Hydrometallurgy 19:159-167, 1987	
Examiner Signature		Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here or "x" if English language Translation is attached.

